

# Principal Scientist II Drug Discovery – Kidney Diseases (80-100%\*)

Job ID  
REQ-10006954  
Mai 15, 2024  
Suisse

## Résumé

Location: Basel, Switzerland or Cambridge Mass, US Full time, onsite, #LI-onsite We are seeking an innovative and dynamic scientist with broad expertise in nephrology to join a vibrant research team focused on finding new transformative therapies for people living with renal disease. In this role, you will be responsible for driving research programs focused on delineating the key mechanisms involved in proteinuric kidney diseases and progressing new targets towards drug discovery. This individual will join the Renal Research team within Disease Area X (DAX) in Biomedical Research and report to the Head of Renal Research.

## About the Role

### Major accountabilities:

- Contribute to the Biomedical Research drug discovery process with the goal of progressing the development of new therapeutic options for patients with chronic kidney diseases.
- Formulate novel target hypothesis based on human disease mechanisms using deep and broad scientific expertise in renal physiology and pathophysiology of proteinuric kidney diseases.
- Design and execute in vitro and in vivo research plans to deliver high quality data-driven package and enable project decisions. Deliver impact to projects by identifying technical trends, both internal and external to your discipline.
- Lead multi-disciplinary project team(s) to portfolio transitions a/o decision milestones.
- Enable partnerships with data scientists, external partners, and individuals across Biomedical Research Disease Areas and platform functions.
- Develop and communicate project strategy, scientific vision, and data to key stakeholders.
- Manage and develop a team of research scientists. Develop and maintain external relationships/contacts.

### Essential requirements:

- A PhD and/or MD degree with postdoctoral experience and a minimum of three years of research in renal biology and physiology, preferably in the pharmaceutical or biotechnology industry.
- In-depth knowledge of kidney (patho-)physiology, including cultivation and analysis of complex renal cell-based platforms, e.g. 3D kidney organoids, primary 2D/3D endothelial or epithelial cell systems.

- Extensive “hands-on” experience and proven track-record in the use of a wide range of cellular, biochemical and genome editing methods and technologies to unravel complex cellular signaling pathways.
- Proficiency in “state of the art” computational and analytical approaches and comfortable with analyzing large scale genetic, NGS and single cell datasets.
- A track record of leading drug discovery projects and working alongside disease areas specialists to bring mechanistic target biology and target validation understanding for renal diseases.
- Ability to lead a project and plan ahead, be well organized and effectively use resources to execute experiments and deliver high quality data in a timely fashion.
- A proven scientific impact on innovation through a solid publication track record and strong external scientific network with academic experts.
- Experience in leading and mentoring associates and cross-functional teams.
- Excellent oral and written communication skills (in English) are essential.

*\*Please note that restrictions on flexible working may apply and will be discussed at interview stage if applicable*

Accessibility and accommodation:

Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to [inclusion.switzerland@novartis.com](mailto:inclusion.switzerland@novartis.com) and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

**Why Novartis:** Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other.

Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together?

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Division

Biomedical Research

Business Unit

Pharma Research

Emplacement

Suisse

Site

Basel (City)

Company / Legal Entity

C028 (FCRS = CH028) Novartis Pharma AG

Functional Area

Recherche & Développement

Job Type

Full time

Employment Type

Regular

Shift Work

No

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